

# CITY OF LODI

## COUNCIL COMMUNICATION

AGENDA TITLE: Purchase of Polemount Transformers (\$31,620.32)  
MEETING DATE: August 16, 2000  
PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council adopt the attached resolution awarding the bid for the purchase of 45 polemount transformers to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs,

<b>Wesco Distribution</b> , San Francisco	7 ea 25KVA Conventional	\$ 3,884.39
	15 ea 50KVA Conventional	\$ 11,588.51
	15 ea 50KVA CP	\$ 12,897.68
		<b>\$ 28,370.58</b>
<b>G E Supply Co.</b> , North Highlands, CA	8 ea 15KVA Conventional	<b>\$ 3,249.74</b>
		<b>\$ 31,620.32</b>

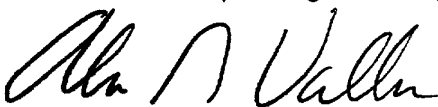
BACKGROUND INFORMATION: On May 19, 1999, the City Council approved specifications and authorized advertisement for bids for polemount and padmount transformers as necessary to meet the Department's needs through Fiscal Year 1999-2001.

On July 26, 2000, bids for 40 polemount transformers were opened and total life-cycle costs were evaluated. (Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer. Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid). A summary of the bid evaluation is attached as Exhibit A. Subsequent to the opening of the bids the need for five additional 50kVA conventional transformers became known, increasing the 50kVA requirement from 10 to 15, and the total number of polemount transformers recommended for purchase from 40 to 45.

The five additional 50kVA units are needed to provide a service voltage change at the church located at Hutchins and Tokay Streets. The other 40 transformers will be used to serve commercial and industrial developments on Guild Avenue, Commerce Street and Industrial Way, to increase capacity at various locations throughout the city, and to replenish the Department's inventory.

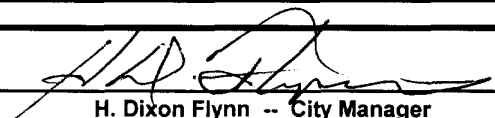
FUNDING: Electric Utility Dept 2000-2001 FY Operating Plan, Page E-25

  
Funding: Vicky McAthie, Finance Director

  
Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

APPROVED: \_\_\_\_\_

  
H. Dixon Flynn -- City Manager

**Transformer Bid Evaluation**

**Bid Opening:** July 26, 2000

**Polemount**

Tax (factor): 1.0775  
No Load Loss \$/watt: 3.75  
Load Loss \$/watt: 1.25

**Bid Item 1: 15 kVA, 120/240 Volt, Single Phase Conv. Pole**

Number of units: 8 45 400

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (pounds)
<b>GE Supply</b>	377.00	3,016.00	<b>3,249.74</b>	43	200	1,290.00	2,000.00	3,290.00	<b>6,539.74</b>	16-18	29.1	276
Western States (Cooper)	424.00	3,392.00	<b>3,654.88</b>	44	159	1,320.00	1,590.00	2,910.00	<b>6,564.88</b>	12	35	334
Wesco	449.00	3,592.00	<b>3,870.38</b>	41	161	1,230.00	1,610.00	2,840.00	<b>6,710.38</b>	11	34	302.02
Kuhlman Electric Corp.	431.00	3,448.00	<b>3,715.22</b>	42	208	1,260.00	2,080.00	3,340.00	<b>7,055.22</b>	8	29	258
Howard Industries	456.00	3,648.00	<b>3,930.72</b>	44	181	1,320.00	1,810.00	3,130.00	<b>7,080.72</b>	10-12	32	286
Central Moloney	563.00	4,504.00	<b>4,853.06</b>	47	167	1,410.00	1,670.00	3,080.00	<b>7,933.06</b>	15	36	340

**Bid Item 2: 25 kVA, 120/240 Volt, Single Phase Conv. Pole**

Number of units: 7 45 500

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (pounds)
<b>Wesco</b>	515.00	3,605.00	<b>3,884.39</b>	57	271	1,496.25	2,371.25	3,867.50	<b>7,751.89</b>	11	34	382.91
G E Supply	477.00	3,339.00	<b>3,597.77</b>	58	305	1,522.50	2,668.75	4,191.25	<b>7,789.02</b>	16-18	32.1	371
Kuhlman Electric Corp.	543.00	3,801.00	<b>4,095.58</b>	65	252	1,706.25	2,205.00	3,911.25	<b>8,006.83</b>	8	32	395
Western States (Cooper)	574.00	4,018.00	<b>4,329.40</b>	66	224	1,732.50	1,960.00	3,692.50	<b>8,021.90</b>	12	37	445
Howard Industries	542.00	3,794.00	<b>4,088.04</b>	67	285	1,758.75	2,493.75	4,252.50	<b>8,340.54</b>	10-12	32	356
Central Moloney	624.00	4,368.00	<b>4,706.52</b>	65	258	1,706.25	2,257.50	3,963.75	<b>8,870.27</b>	15	36	430

**Bid Item 3: 50 kVA, 120/240 Volt, Single Phase Conv. Pole**

Number of units: 10 51 800

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (pounds)
<b>Wesco</b>	717.00	7,170.00	<b>7,725.68</b>	93	457	3,487.50	5,712.50	9,200.00	<b>16,925.68</b>	11	36	645.74
Kuhlman Electric Corp.	755.00	7,550.00	<b>8,135.13</b>	105	443	3,937.50	5,537.50	9,475.00	<b>17,610.13</b>	8	35	617
Western States (Cooper)	714.00	7,140.00	<b>7,693.35</b>	106	488	3,975.00	6,100.00	10,075.00	<b>17,768.35</b>	12	39	588
Central Moloney	855.00	8,550.00	<b>9,212.63</b>	102	414	3,825.00	5,175.00	9,000.00	<b>18,212.63</b>	15	38	690
Howard Industries	831.00	8,310.00	<b>8,954.03</b>	97	485	3,637.50	6,062.50	9,700.00	<b>18,654.03</b>	10-12	36	550
GE Supply	935.00	9,350.00	<b>10,074.63</b>	100	392	3,750.00	4,900.00	8,650.00	<b>18,724.63</b>	16-18	35.2	688

Exhibit A  
Page 2  
Polemount Transformers

**Bid Item 4: 50kVA, 120/240 Volt, Single Phase CP Pole**

Number of units: 15 51 800

Vendor	Unit Price \$	Extended Price \$	Price w/tax \$	No Load Loss (watts)	Load Loss (watts)	No Load Loss value	Load Loss value	Cost of Losses \$	Life Cycle Cost \$	Delivery (weeks)	Height (inches)	Weight (pounds)
<b>Wesco</b>	798.00	11,970.00	<b>12,897.68</b>	93	501	5,231.25	9,393.75	14,625.00	<b>27,522.68</b>	11	42	707.42
Kuhlman Electric Corp.	862.00	12,930.00	<b>13,932.08</b>	105	489	5,906.25	9,168.75	15,075.00	<b>29,007.08</b>	8	38	664
Western States (Cooper)	788.00	11,820.00	<b>12,736.05</b>	89	622	5,006.25	11,662.50	16,668.75	<b>29,404.80</b>	12	43	599
Howard Industries	928.00	13,920.00	<b>14,998.80</b>	116	458	6,525.00	8,587.50	15,112.50	<b>30,111.30</b>	10-12	37	570
Central Moloney	1,036.00	15,540.00	<b>16,744.35</b>	102	454	5,737.50	8,512.50	14,250.00	<b>30,994.35</b>	15	38	695
G E Supply	1,279.00	19,185.00	<b>20,671.84</b>	113	379	6,356.25	7,106.25	13,462.50	<b>34,134.34</b>	16-18	43.3	825

RESOLUTION NO. 2000-143

A RESOLUTION OF THE LODI CITY COUNCIL  
AWARDING THE BID FOR THE PURCHASE OF  
POLEMOUNT TRANSFORMERS

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WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on July 26, 2000 at 11:00 a.m. for the purchase of 45 polemount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on May 19, 1999; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends that award of the bid for the purchase of 45 polemount transformers for the Electric Utility Department, be made to the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, to wit:

<b>Wesco Distribution</b> , San Francisco	7 ea 25KVA Conventional	\$ 3,884.39
	15 ea 50KVA Conventional	\$ 11,588.51
	15 ea 50KVA CP	<u>\$ 12,897.68</u>
	Subtotal	<b>\$ 28,370.58</b>
<b>G E Supply Co.</b> , North Highlands, CA	8 ea 15KVA Conventional	<u>\$ 3,249.74</u>
	<b>TOTAL</b>	<b>\$ 31,620.32</b>

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the purchase of 45 polemount transformers for the Electric Utility Department, be and the same is hereby awarded to the above-described responsible bidders, in the total amount of \$31,620.32.

Dated: August 16, 2000

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I hereby certify that Resolution No. 2000-143 was passed and adopted by the City Council of the City of Lodi in a regular meeting held August 16, 2000, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Land, Nakanishi, Pennino and Mann (Mayor)

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None

  
SUSAN J. BLACKSTON  
City Clerk

Transformer Bid Evaluation

Bid Opening: July 26, 2000

Polemount

Tax (factor): 1.0775  
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GE Supply	377.00	3,018.00	3,240.74	43	200	1,290.00	2,000.00	3,290.00	6,530.74	10-10	29.1	270
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Central Moloney	563.00	4,504.00	4,853.08	47	167	1,410.00	1,670.00	3,080.00	7,033.08	15	36	340

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Western States (Cooper)	574.00	4,018.00	4,329.40	66	224	1,732.50	1,960.00	3,692.50	8,021.90	12	37	445
Howard Industries	542.00	3,794.00	4,088.04	67	285	1,758.75	2,493.75	4,252.50	8,340.54	10-12	32	356
Central Moloney	624.00	4,368.00	4,706.62	65	258	1,706.25	2,257.50	3,963.75	8,670.27	15	36	430

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Howard Industries	831.00	8,310.00	8,954.03	97	485	3,037.50	6,082.50	9,700.00	18,654.03	10-12	36	550
GE Supply	935.00	9,350.00	10,074.63	100	392	3,750.00	4,900.00	8,650.00	18,724.63	16-18	35.2	688

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Polemount Transformers

Bid Item 4: 50kVA, 120/240 Volt, Single Phase CP Pole

Number of units: 15

51 800

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Wesco	798.00	11,070.00	12,897.88	93	501	5,231.25	9,393.75	14,825.00	27,522.68	11	42	707.42
Kuhlman Electric Corp.	862.00	12,930.00	13,832.08	105	489	5,908.25	9,168.75	15,075.00	28,007.08	8	38	684
Western States (Cooper)	788.00	11,820.00	12,738.05	89	622	5,008.25	11,662.50	18,668.75	29,404.80	12	43	599
Howard Industries	928.00	13,920.00	14,898.80	110	458	6,525.00	8,587.50	15,112.50	30,111.30	10-12	37	570
Central Moloney	1,036.00	15,540.00	16,744.35	102	454	5,737.50	8,512.50	14,250.00	30,994.35	15	38	695
G.E. Supply	1,279.00	19,185.00	20,871.84	113	379	6,358.25	7,108.25	13,482.50	34,134.34	16-18	43.3	825